CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

No. : CTCE/BBMP/PMC/B-D/2018-19/122

Date: 31.10.2019

To,

Executive Engineer,

Byatarayanapura Division,

Bruhat Bangalore Mahanagara Palike

Bangalore.

COMPLIANCE REPORT

Dear Sir,

Reference : BBMP/EE/BTP/WO/211/2018-19 Date: 10.01.2019

Name of work: "Consultancy services for Construction Supervision, Project Management and quality assurance for the works in ward No.07 and 08 (Number of works-45)"

Sub Name of Work: Construction of Government school building at Kodigehalli Ward No.08, BBMP, Bangalore.

With respect to the above subject & name of the work, we have supervised the work and the quantity and quality of below mentioned items of the work was found to be completed satisfactorily for the **1st and Final bill**

Sl. No	Description of Work	Unit	Qty
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth incluidng dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specification, specification No. KBS 2.1(a)/2.3.5 (Page no-5, item no - 2.3).	Cum	68.65
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications (Page No 12 Item No. 4.2)	Cum	12.02
3	KSRB 5.1-3 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6 (uncoursed), bond stones at tow m. apart in each course incluidng cost of materils, labour, curing coplete as per specifications. KBS 5.1.12 (Page No. 22 Item No. 5.3)	Cum	24.22
4	KSRB 5.3-3 : Providing and constructing granite / trap / basalt rubble stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed incourse not less than 15 cms high, bond stones at tow m. apart in each couse incluidng cost of materils, labour, curing coplete as per specifications. KBS 5.1.13 (Page. no. 23 Item No. 5.9)	Cum	18.16

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Sl. No	Description of Work	Unit	Qty
5	KSRB 15,1.4 Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Sqm	161.46
6	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:2:4with OPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.469cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. specification No.KBS 4.1, 4.2 (P.NO.12 I.No.4.6 of PW,P S.R 2016-17)	Cum	4.04
7	KSRB 4-1.5 : Providing and laying in position plain cement concrete mix M20 with OPC cement @ 300kgs, with 20mm and down graded granite metal coarse aggregates @ 0.69cum and fine aggregate @ 0.43cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, well complacted, in flundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No. 12, I.No. 4.5 of PWD SR 2015-16)	Cum	5.70
8	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all matrials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 16, Item No. 4.28)	Sqm	6.66
9	KSRb 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular / polygon in plain including cost of all matrials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 16, Item No. 4.32)	Sqm	7.80
10	First floor	Sqm	96.60
11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	30.69
12	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular / polygon in plan incluidng cost of all matrials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No. 16, Item No. 4.32)	Sqm	78.00
13	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	171.34

Sl. No	Description of Work	Unit	Qty
14	KSRb 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm incluidng cost of all matrials, labour complete as per specifications upto 3.50m from ground level. Specification No. KBS 4.6.2 (Page No. 15, Item No. 4.18) First floor	Sqm	288.11
15	Second floor	Sqm	284.51
16	KSRb 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunching, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all matrials, labour complete as per specifications upto 3.50m from ground level. Specification No. KBS 4.6.2 (Page No. 16, Item No. 4.34) ground floor	Sqm	1.80
17	First floor	Sqm	126.18
18	Second floor	Sqm	126.18
19	KSRB 4.2.2: Providing and laying in position reinforced cement concrete Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilastres, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinth etc. including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (P.No. 13, Item No. 4.11) Ground Floor.	Cum	3.60
20	Ground Floor	Cum	17.46
21	Second floor	Cum	2.52
22	KSRB 4.2.2: Providing and laying in position reinforced cement concrete Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregate @ 0.46cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams,retaining walls, return walls, walls (any thickness) including attached pilastres, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinth etc. including cost of all materials, labour, HOM of machinery, curing complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (P.No. 14, Item No. 4.13) Ground Floor	Cum	0.36
23	First floor	Cum	63.98
24	Second floor	Cum	64.70

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Sl. No	Description of Work	Unit	Qty
25	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured & paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (Page No : 17, item No : 4.46.2) Ground Floor	Tonne	11.39
26	Second floor	Tonne	8.83
27	Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m or part thereof cost of labour, complete as per specifications. (P.No. 18, I.No. 4.47 of PWD Sr 2.15-16)	Tonne	8.83
28	Providing and fixing M.S Hand railing for balcony with 50mm dia, M.S.Hallow pipe of 14 gauge, welded to 20mmx20mm M.S Square rod placed vertically, spaced at 100mm at regular intervals of 600mm.These vertical rods laterally tied to 3 horizontal rods spaced at equal interval, These assembly is fixed to concrete concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and section should be cut to length, welded and grinded whereever necessary etc., complete. The work includes cost of all materials, labour charges for all items work, hire charges for welding, cutting and grinding equipment and electricity charges., complete as per specifications drawing.	Sqm	106.80
29	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite at 66% mm thick grey granite @20%, 20mm thick, 20mm thick black granite 14%.The granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50mm wide curing etc., complete as per specification (P.No.107, I.No.14.46 of PWD SR 2016-17)	Sqm	53.32
30	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 5.00 M/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4, as per IS 2572:2005 incluidng cost of all materials, labour charges, scaffolding, curing complete as per specifications. KBS No. 5.4 (Page No. 25, Item No.5.27.1)	Sqm	272.58
31	Second floor	Sqm	793.74
32	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 5.00 M/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4, as per IS 2572:2005 incluidng cost of all materials, labour charges, scaffolding, curing complete as per specifications. KBS No. 5.4 (Page No. 25, Item No.5.27.2)first floor	Sqm	141.70
33	Second floor	Sqm	112.34

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Sl. No	Description of Work	Unit	Qty
34	KSRB 15-3.10: Providing 20mm thick cement plaster in single coat with cement mortar 1:6 to stone masonry and concrete surface including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of all materials, labour, curing complete as per specificatons. (Page No. 114, Item No 15.20) first floor	Sqm	430.20
35	Second floor	Sqm	324.74
36	KSRB 15-3.10: Providing 15mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of all materials, labour, curing complete as per specificatons. (Page No. 1143, Item No 15.20) first floor	Sqm	608.82
37	Second floor	Sqm	465.07
38	KSRB 15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of all materials, labour, curing complete as per specificatons. (Page No. 113, Item No.15.21 of PWD SR 2015-16)first floor	Sqm	280.91
39	Second floor	Sqm	280.91
40	Providing and applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by usindifferent grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per specifications. (Page No. 125, Item No. 15.106)first floor	Sqm	887.73
41	Second floor	Sqm	745.98
42	KSRB 15.16.1 : Providing and finishing external walls in tow coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer (Page No. 118, Item No. 15.53.2)	Sqm	430.20
43	Second floor	Sqm	324.74
44	Providing and applying tow coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter, including priming, including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer (Page No. 117, Item No. 15.51.2) For internal walls.first floor	Sqm	606.82
45	Second floor	Sqm	465.07

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Sl. No	Description of Work	Unit	Qty
46	Providing and applying tow coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throughly brushing the surface, free from mortar drops and other foreign matter, including priming, including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer (Page No. 117, Item No. 15.51.2) For ceiling first floor	Sqm	280.91
47	Second floor	Sqm	280.91
48	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix M15 (1:2:4) with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. KBS 4.1,4.2 (P/No.12, I.No.4.6)	Cum	6.25
49	KSRB 7.9: Providing and fixing M.S.Grill work for windows and ventilators using M.S.Flats or M.S square roda or combination of M.S Flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required patterrn with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specification. specification No.KBS 7.12 (Page No.12 (Page No:32, item No.7.9)	Kg	998.23
50	KSRB 7.10 : Providing and fixing in position alulminium windows and ventilators as per approved with sliding shutters using double track window frame section of size 61.85x31.75mm with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm thick weight 0.659 kg/m and shutter comprising top and bottom section of size 40mmx1800, 1.25mm thick 0.417 kg/m shutter outer side 40mmx18mm, 1.25mm thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as alulminium handles tower bolts etc., and providing and fixing 5.5mm thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffered with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section anodized to 12 - 15 microns (P.No. 301 Item No. 7.10.1)	Sqm	47.16
51	Providing and fixing special make glazed vitrified tiles (Granomites finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at requied interval and removing stains etc., complete (Page No. 107, Item No. 14.43)	Sqm	331.42
52	Second floor	Sqm	268.95

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Sl. No	Description of Work	Unit	Qty
53	KSRB 14.14-5: Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specification - for ceramic tiles 30cmx60cm 6mm thick on bed of 20mm thicks.	Sqm	29.40
54	Providing nad fixing of clay tiles for cladding tiles of size 230x75x10mm thick on 12mm thick cement mortar 1:3 & jointed with adhensive/cement slurry over rough plaster surface excluding cost of rough plastered surface and the surface is painetd with red apex paint and black apex paint into the groves.	Sqm	77.02
55	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications - using silver grey granite/multy red/ruby red/black/hassan green granite of width not less than 1200mm (P.No.107, I.No/47.47.1)	Sqm	3.24
56	KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of all materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33.	Cum	0.68
57	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of all materials, labour, HOM of machineries complete as per specifications. Specifications, (excluding cost of fixtures) Specification No. KBS 9.34.	Sqm	20.16
58	SOLID PANEL PRELAM PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam prelam panelled door shutters made from M.S tube pf 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded prelaminated PVC C channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide prelaminated OVC sheets for top rail, lock rail & bottom rail on elther side & 5mm thick PVC sheet prelaminated on either side filtered in the M.S frames, sealed to the styles & rails with PVC designer beading & direction of Engineer -in-charge fixed to frames with 3nos of 75mm.Aluminium hinges with both side prelam (item no.9.85.1 page no.58)	Sqm	3,70

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Sl. No	Description of Work	Unit	Qty
59	SOLID PVC DOOR FRAME providing nad fixing factory made PVC door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered aut at corners & jointed 2Nos of 150mm long bracelets of 15x15mm M.S Square tube , the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 guage. The door frame to be fixed to the wall using M.S. Screws of 65x80mm size complete as per manufacturers specification and direction of Engineer-in-charge.	Sqm	3.70
60	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, incluidng cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (for 1000 litre capacity) Specification No. KBS 13.22 (P.No, 94 Item No. 13.78 of PW , P&IWTD SR 2016-17)	each	4.00
61	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to Is 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings incluidng fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete. (Concealed work indcluding cutting chases and good the walls etc.) - 20mm nomial OD pipes (P.No. 96, I. no. 13.86.2 of PWD SR 2016-17)	mtr	70.00
62	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to Is 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings incluidng fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete. (Concealed work indcluding cutting chases and good the walls etc.) - 25mm nomial OD pipes (P.No. 96, I. no. 13.86.2 of PWD SR 2016-17)	mtr	60.00
63	KSRB 13-8.5 : Providing and fixing to wall, ceiling and floor, low density polythylene pipes 6.00 kg/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No. KBS 13.2.15.1 / 13.9 (P.No. 94, I. no. 13.70.4 of PW, P&IWTD SR 2016-17)	mtr	30.00
64	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No. 82, I. No. 12.41 PWD SR 2016-17)	each	2.00

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Sl. No	Description of Work	Unit	Qty
65	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100mm dia (P.No. 88, I. no. 12.111 of PWD SR 2016-17)	each	4.00
66	Providing and fixing CI Nahani trap of approved make confirming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of material to work sopt) - 10cms x 7.5 cms (P.No. 88, I.No. 13.23 PWD SR 2016-17)	each	4.00
67	KSRB 13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 20mm nomial bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.2 / 13.3 (P.No. 91, I No. 13.23 of PWD SR 2016-17)	each	4.00
68	KSRB 13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3 (P.No. 91, I. no. 13.34 of CSR 2016-17)	each	5.00
69	KSRB 13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3(P.No. 91, I.No. 13.33 of CSR 2016-17)	each	6.00
70	Constructing brick masonry inspection chamber 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non modular bricks of class designation 50 in cement mortar 1:5 C.I. cover with frame tobe not less than 38kg (weight of cover 23kg and weight of frame 15 kg) RCC top slab with cement concrete M15 with 20mm and downsize grantie metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating cost of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-odular bricks of class designation 50 in cement mortar 1:5, C.I Cover withframe (Light duty) 450x450 mm (P.No. 73, I. No. 11.50.2 of PWD SR 2016-17)	each	4.00
71	Providing and fixing white vitreous china clay water closet orissa pattern of size 580x440mm with integral type footrests, 100mm S or P trap, 10litre low level, PVC flushing cistern, C.I/M/S Brackets (all are approved make) with fittings, C.I/M/S/ Brackets, 32mm diameter flush pipe fittings and clamps,overflow arrangements with special and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS. (P.no.77 I.No.12.2 of PWD SR 2015-16) P.No.77 I.No.12.2 of CSR 2016-17)bricks of class designation 50 in cement mortar 1:5, C.I Cover withframe (Light duty) 450x450 mm (P.No. 73, I. No. 11.50.2 of PWD SR 2016-17)	each	3.00

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Sl. No	Description of Work	Unit	Qty
72	KSRB 10-2 : Providing and laying in position Yelahanka tiles of size 250x250mm of approved quality and make over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS. (P.no.80.1 I.No.10.1 of CSR 2016-17)	Sqm	280.91
73	KSRB 11-11.1: Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of four with 10litres PVC automatic flushing cistern, C.I/M/S Brackets, 32mm C.P Brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No.KBS 11(P.no.80.1 I.No.12.23 of CSR 2016-17)	each	3.00
74	KSRB 11-11.1: Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I/M.S Brackets, 32mm C.P Brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No.KBS 11(P.no.80.1 I.No.12.23 of CSR 2016-17)	each	1.00

Thanking you,

With Regards,

For Civil-Tech Consultants and Engineers

31/10/2019

Authorized Signature

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory
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JAS-ANZ BSCIC ISO 9001 REGISTERED

No. : CTCE/BBMP/PMC/B-D/2019-20/122

Date: 31.10.2019

Executive Engineer,
Byatarayanapura Division,
Bruhat Bangalore Mahanagara Palike
Bangalore.

CERTIFICATE

Reference : BBMP/EE/BTP/WO/211/2018-19 Date: 10.01.2019

Name of work: Construction of Government school building at Kodigehalli Ward No.08, BBMP, Bangalore.

This is to certified that the 1st and Final bill of the above said work has been executed satisfactorily and the quantities of work done has also been certified.

Thanking you,

With Regards,

For Civil-Tech Consultants and Engineers

31/10/2019

Authorized Signature

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
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